

FIG. 1A

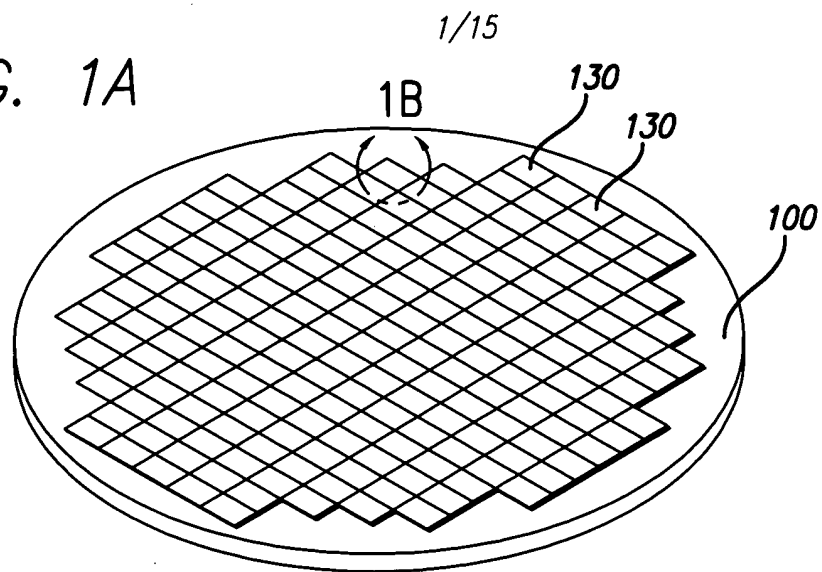


FIG. 1B

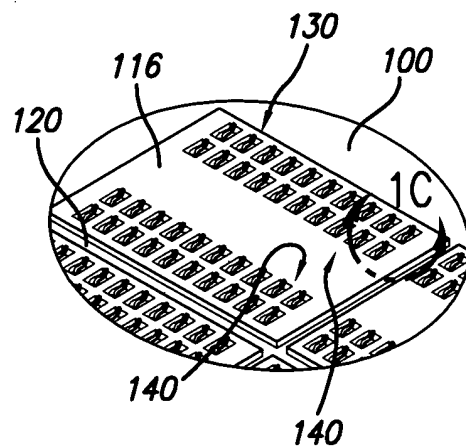


FIG. 1C

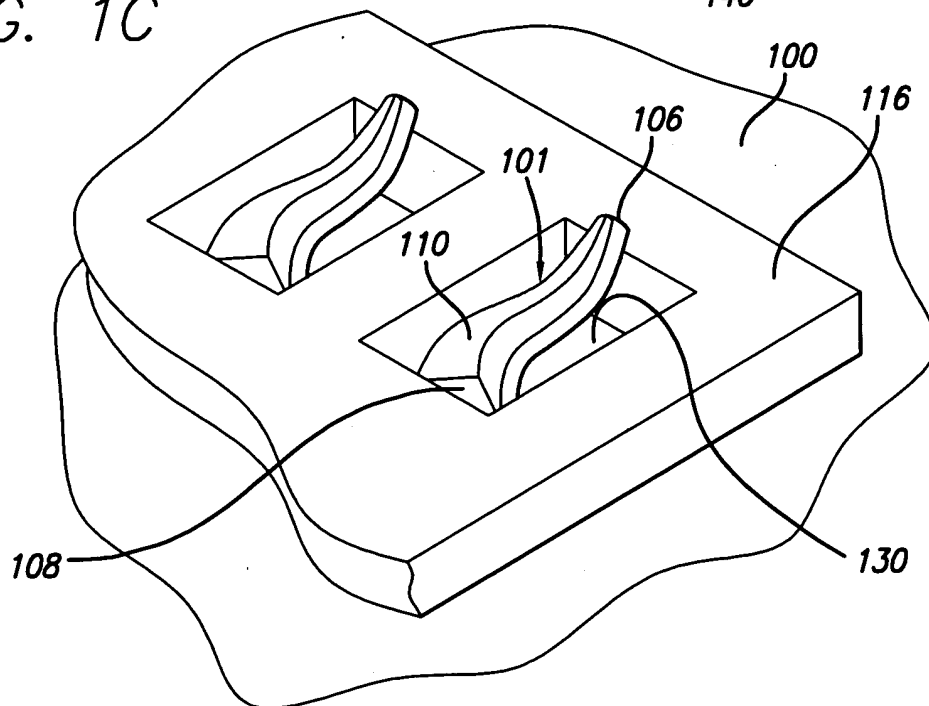


FIG. 2A

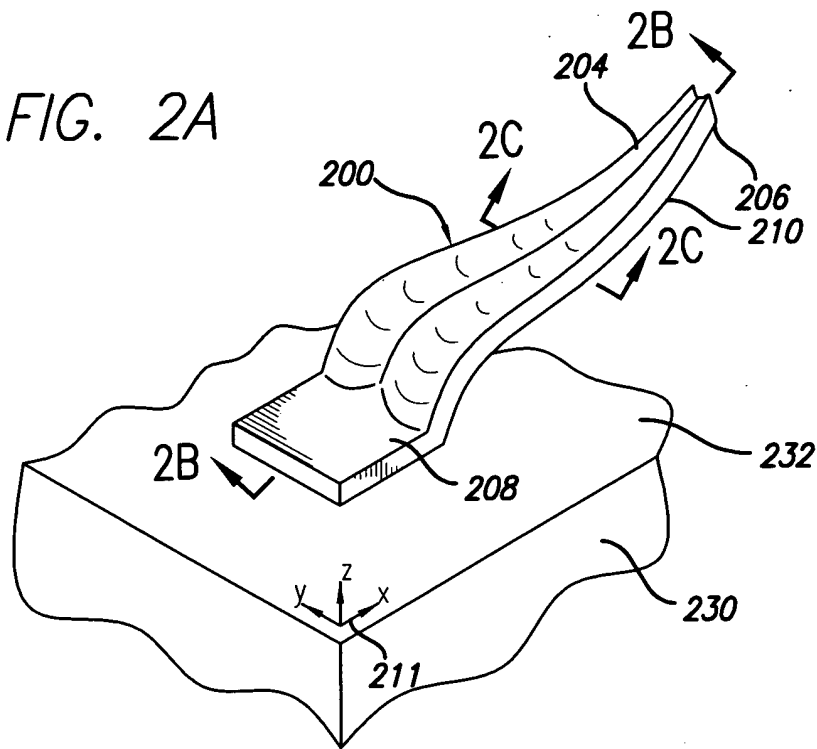


FIG. 2B

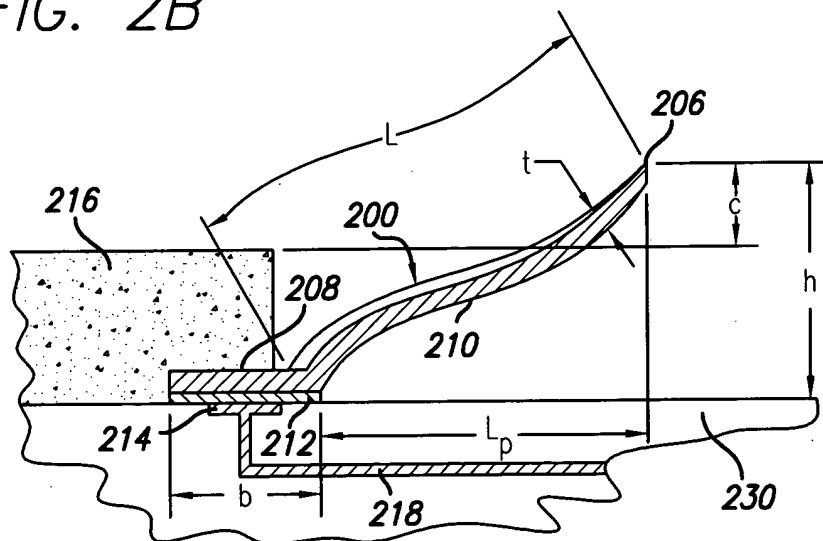


FIG. 2C

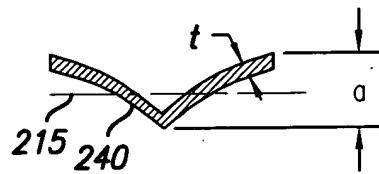


FIG. 2D

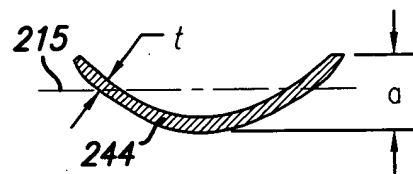


FIG. 2E

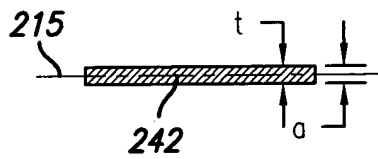


FIG. 2F

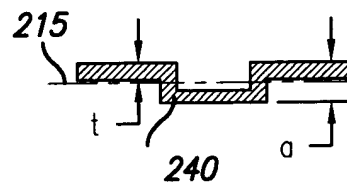


FIG. 3

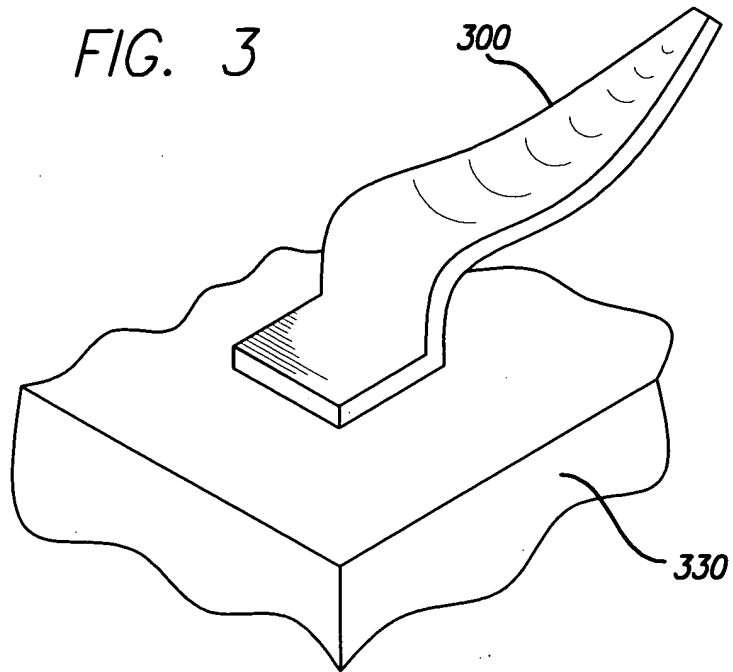


FIG. 5

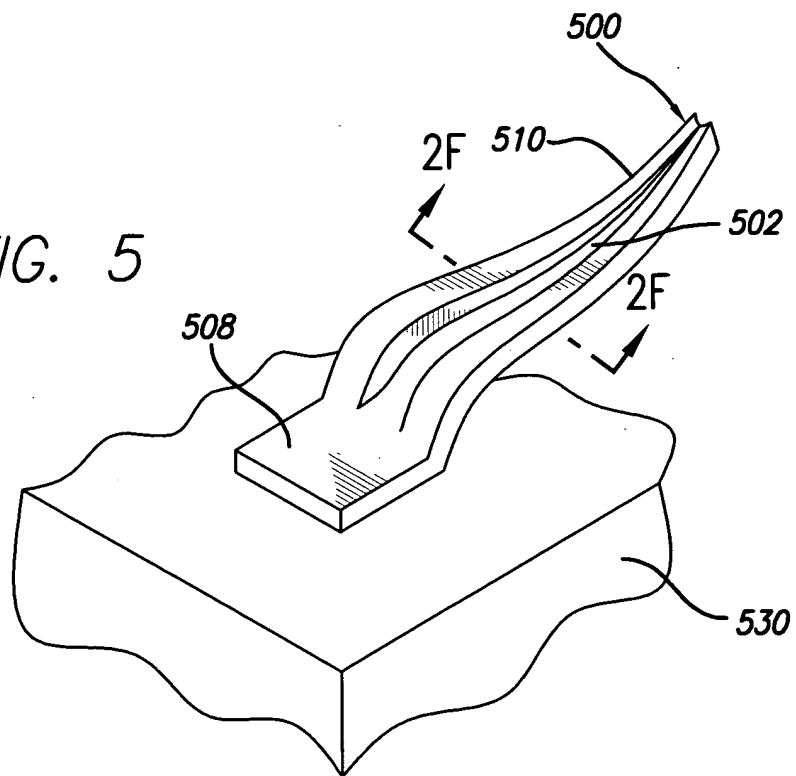


FIG. 4A

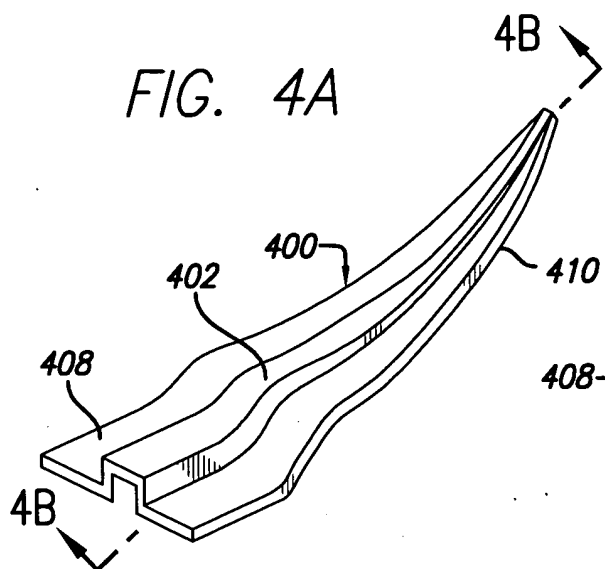


FIG. 4B

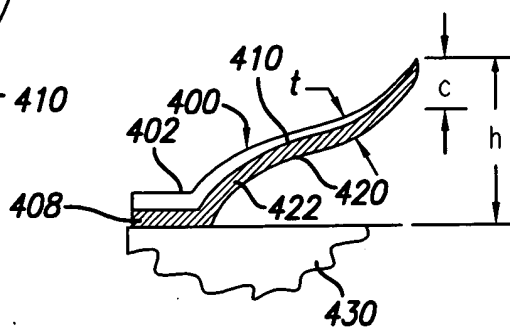


FIG. 6A

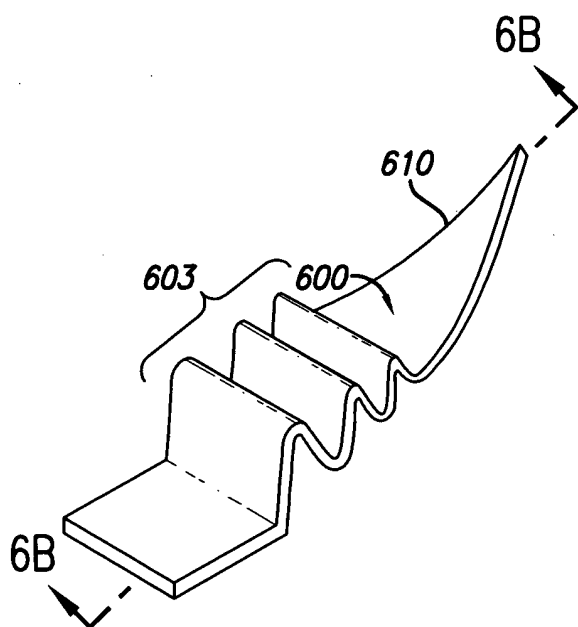
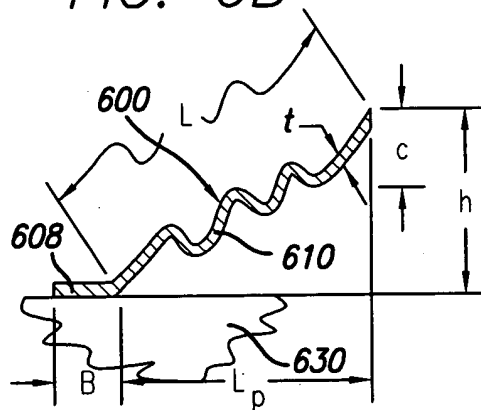


FIG. 6B



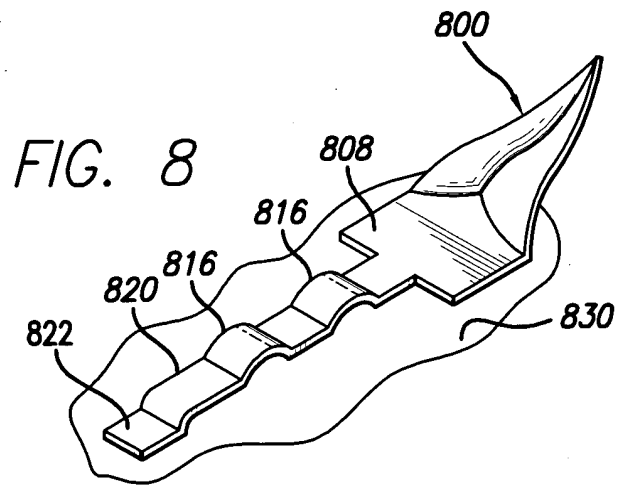
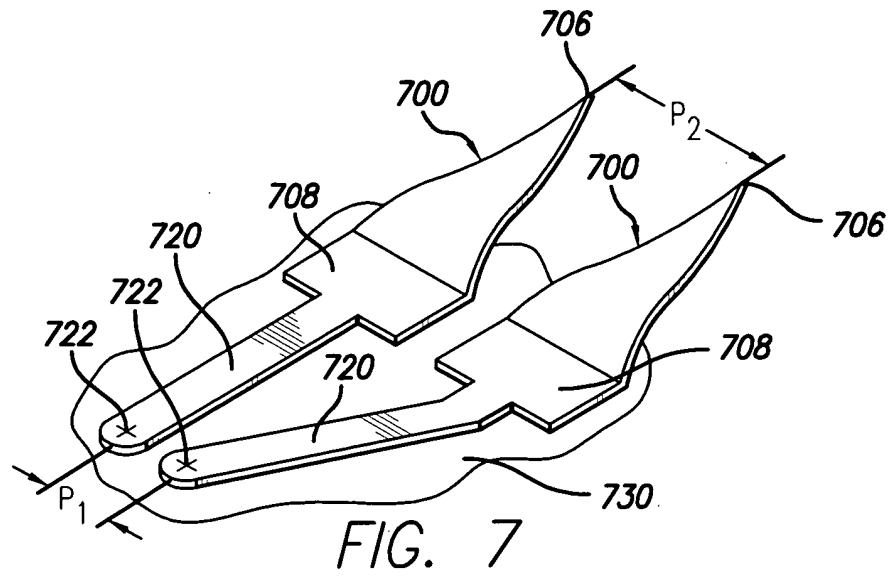


FIG. 9A

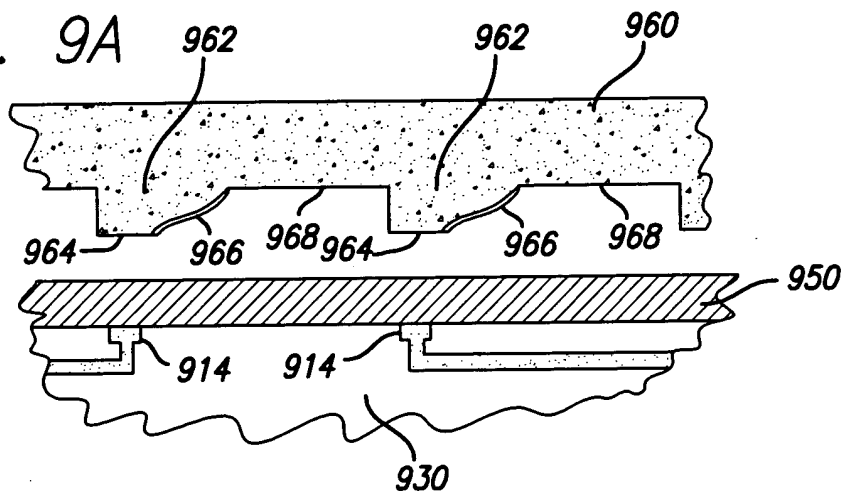


FIG. 9B

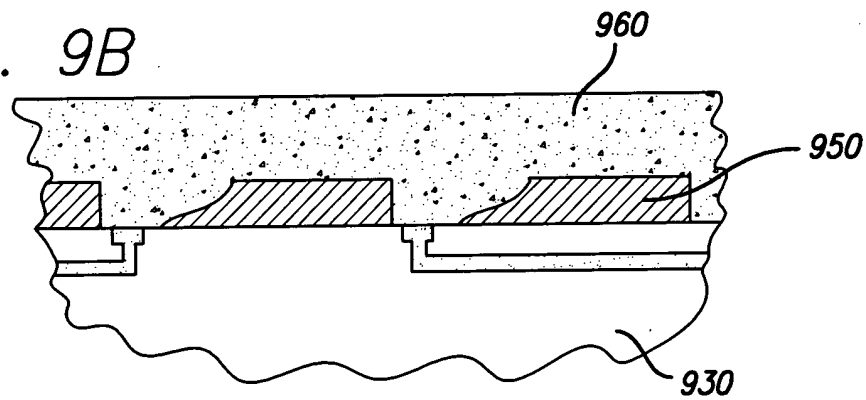


FIG. 9C

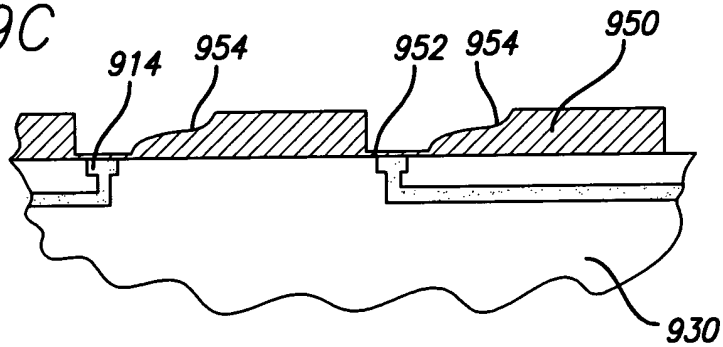


FIG. 9D

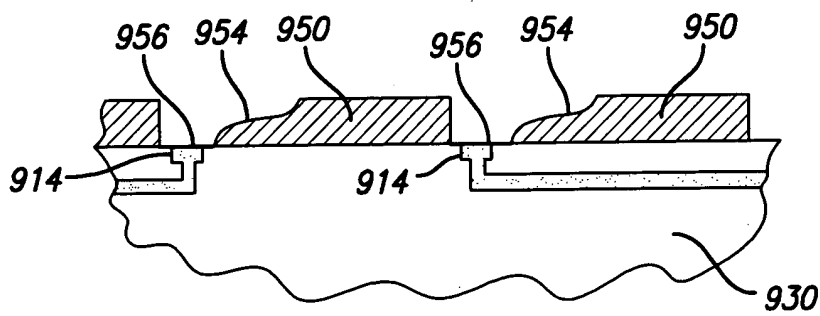
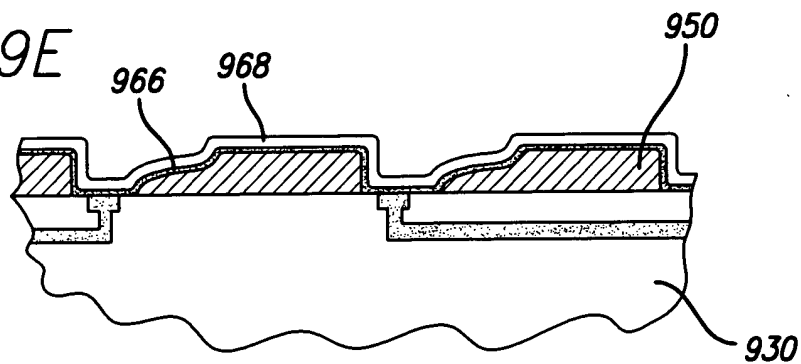
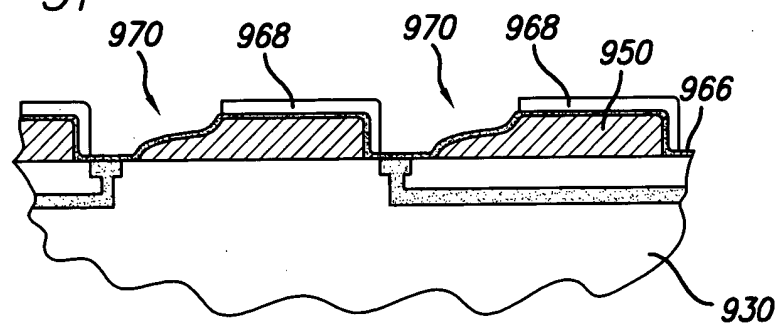


FIG. 9E

A cross-sectional view of a device. It features a central raised portion with a top surface labeled 966 and a side surface labeled 968. This central portion is flanked by two side portions, each with a top surface labeled 950. The entire structure is supported by a base layer labeled 930. The base layer has a textured, stippled appearance. The central portion and side portions are shown in cross-section with diagonal hatching.



A cross-sectional view of a semiconductor device. It shows two gate structures on a substrate. The left gate structure has a gate stack 968 on a gate oxide 970. The right gate structure has a gate stack 968 on a gate oxide 970. A channel region 950 is located between the two gate structures. A source/drain region 966 is located on the right side of the channel region. The substrate is labeled 930.



A cross-sectional view of a substrate 930. A layer 966 is formed on the top surface of the substrate 930. This layer 966 includes a patterned layer 950. The patterned layer 950 is formed on a base layer 968. The base layer 968 is formed on the top surface of the substrate 930. The patterned layer 950 is formed on the base layer 968. The patterned layer 950 is formed on the base layer 968. The patterned layer 950 is formed on the base layer 968.

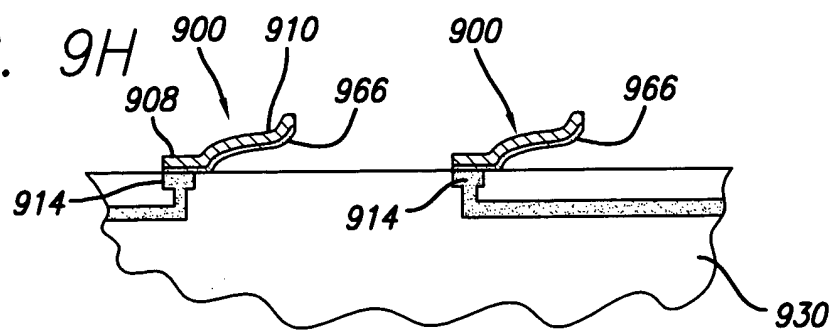
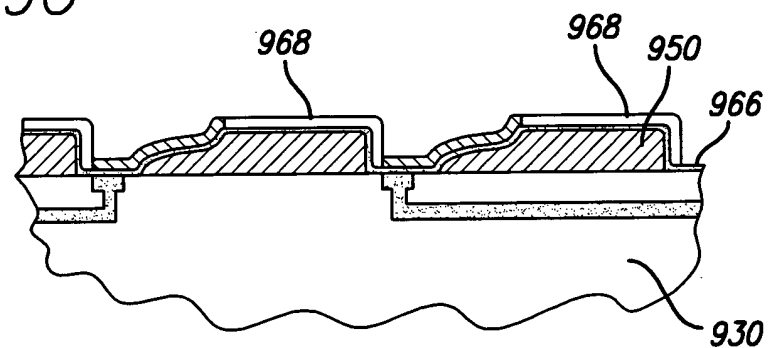




FIG. 10A

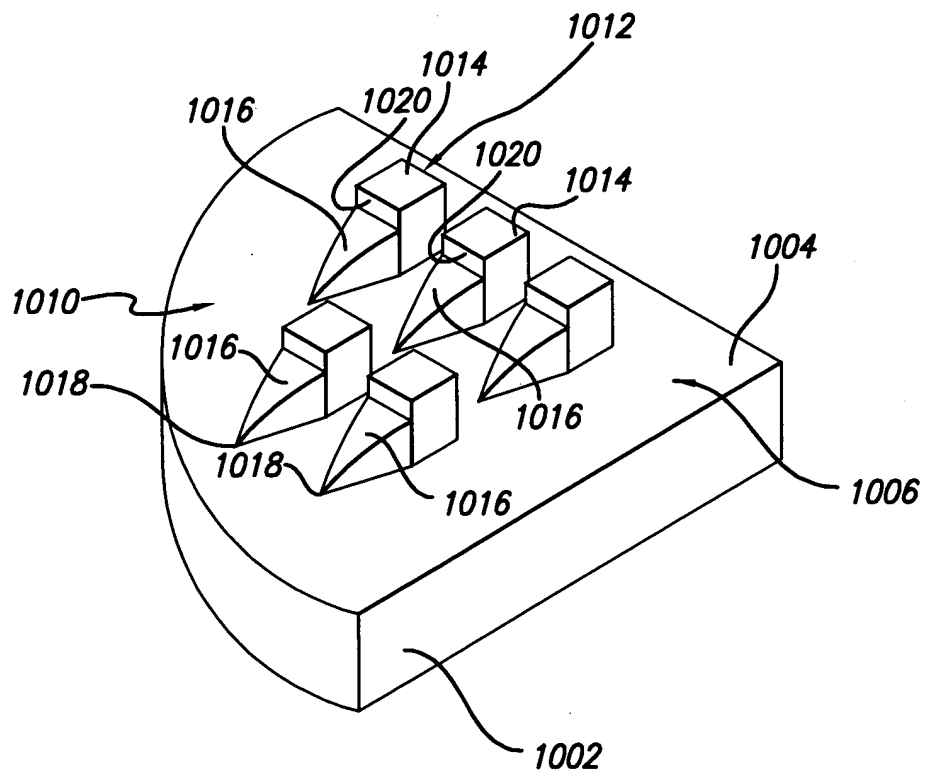
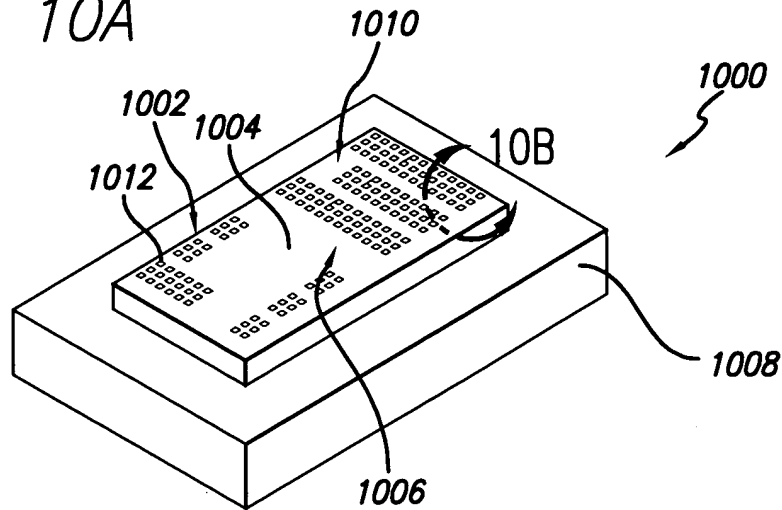


FIG. 10B

FIG. 10C

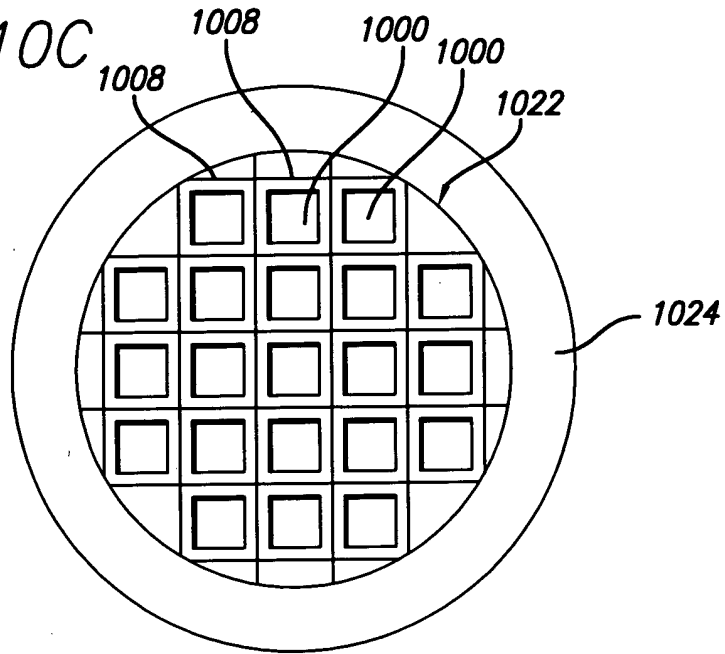


FIG. 10D

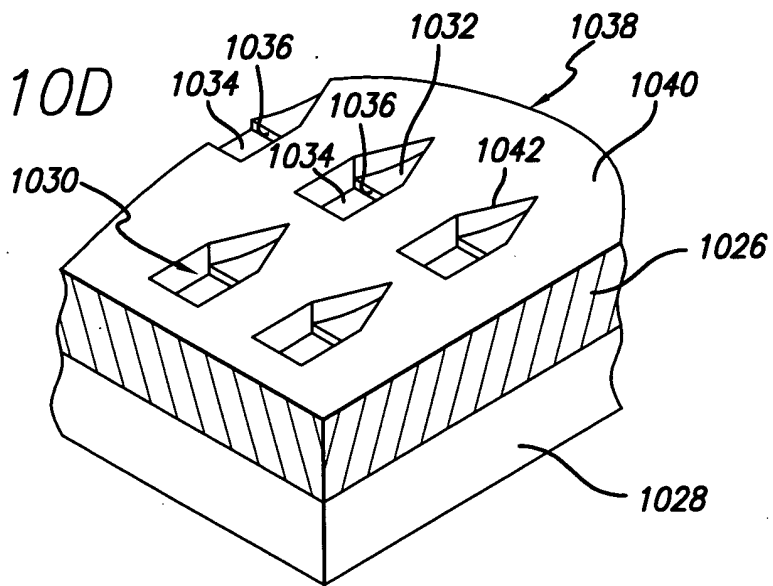


FIG. 11A

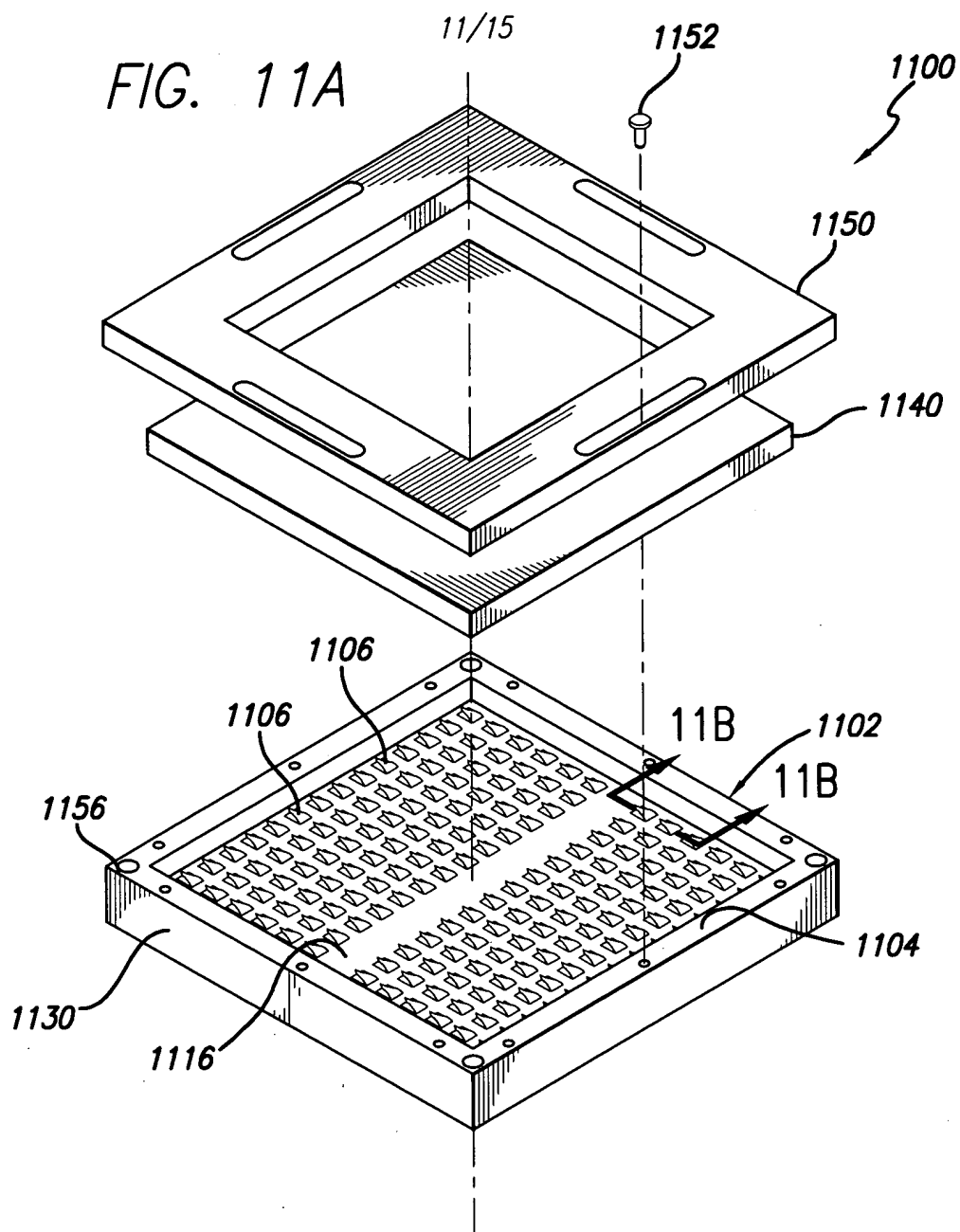
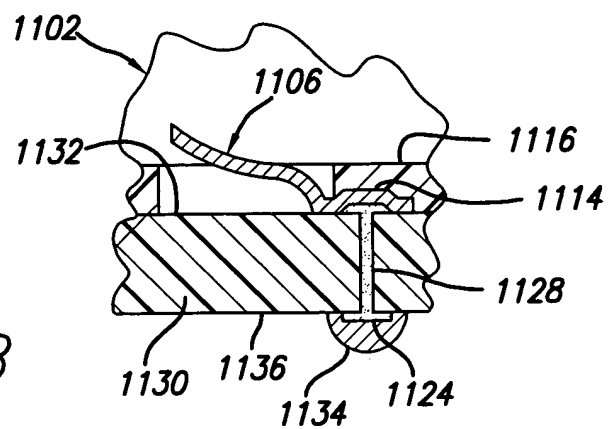


FIG. 11B



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FIG. 12A

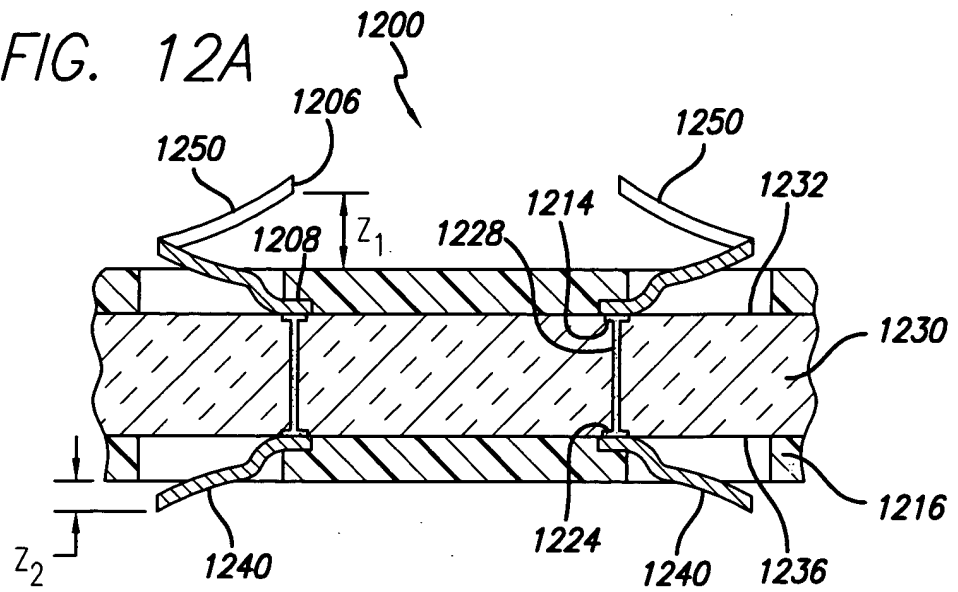


FIG. 12B

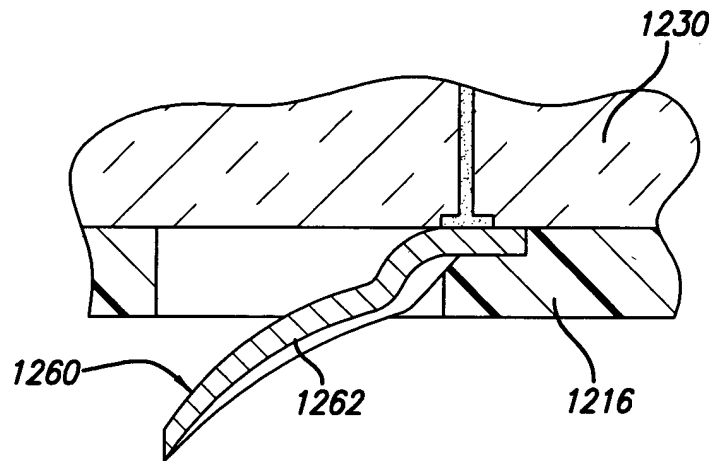


FIG. 13

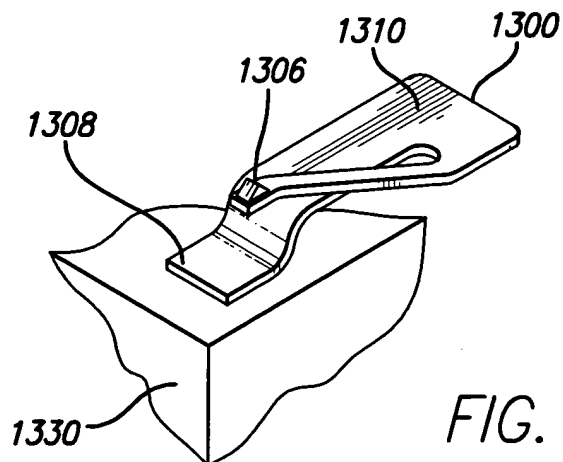


FIG. 14A

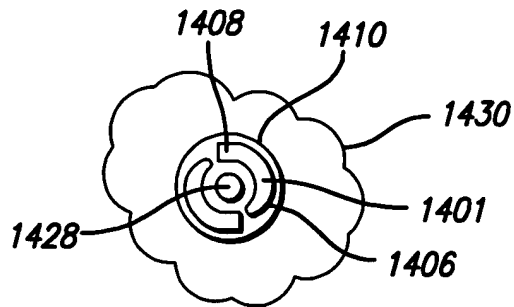


FIG. 15A

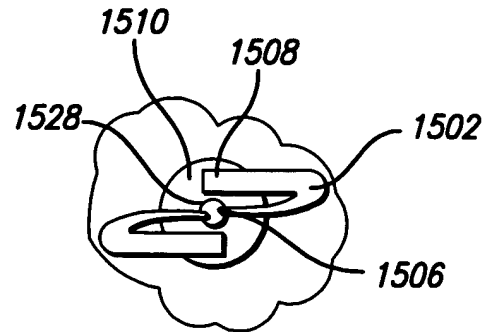


FIG. 14B

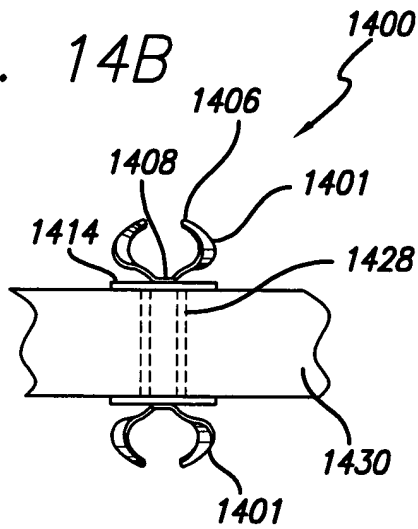


FIG. 15B

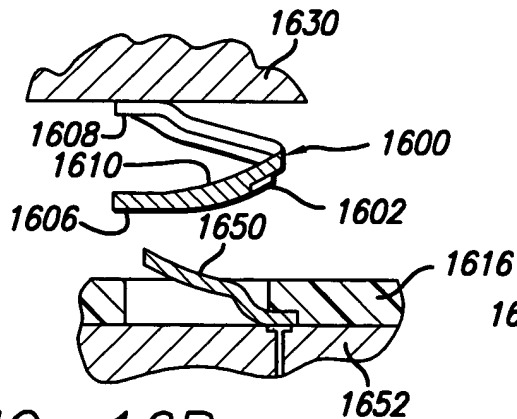
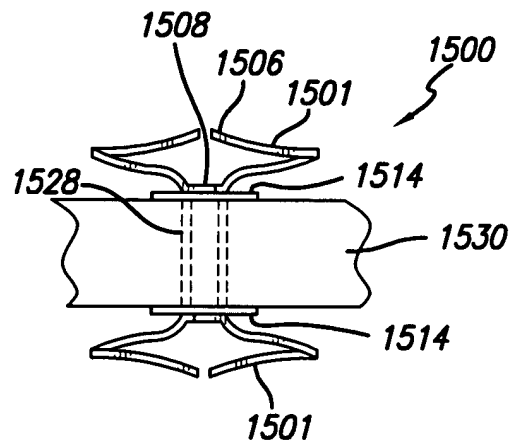


FIG. 16B

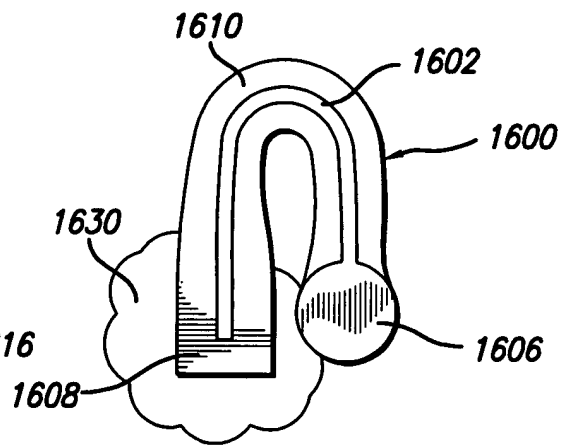


FIG. 16A

FIG. 17

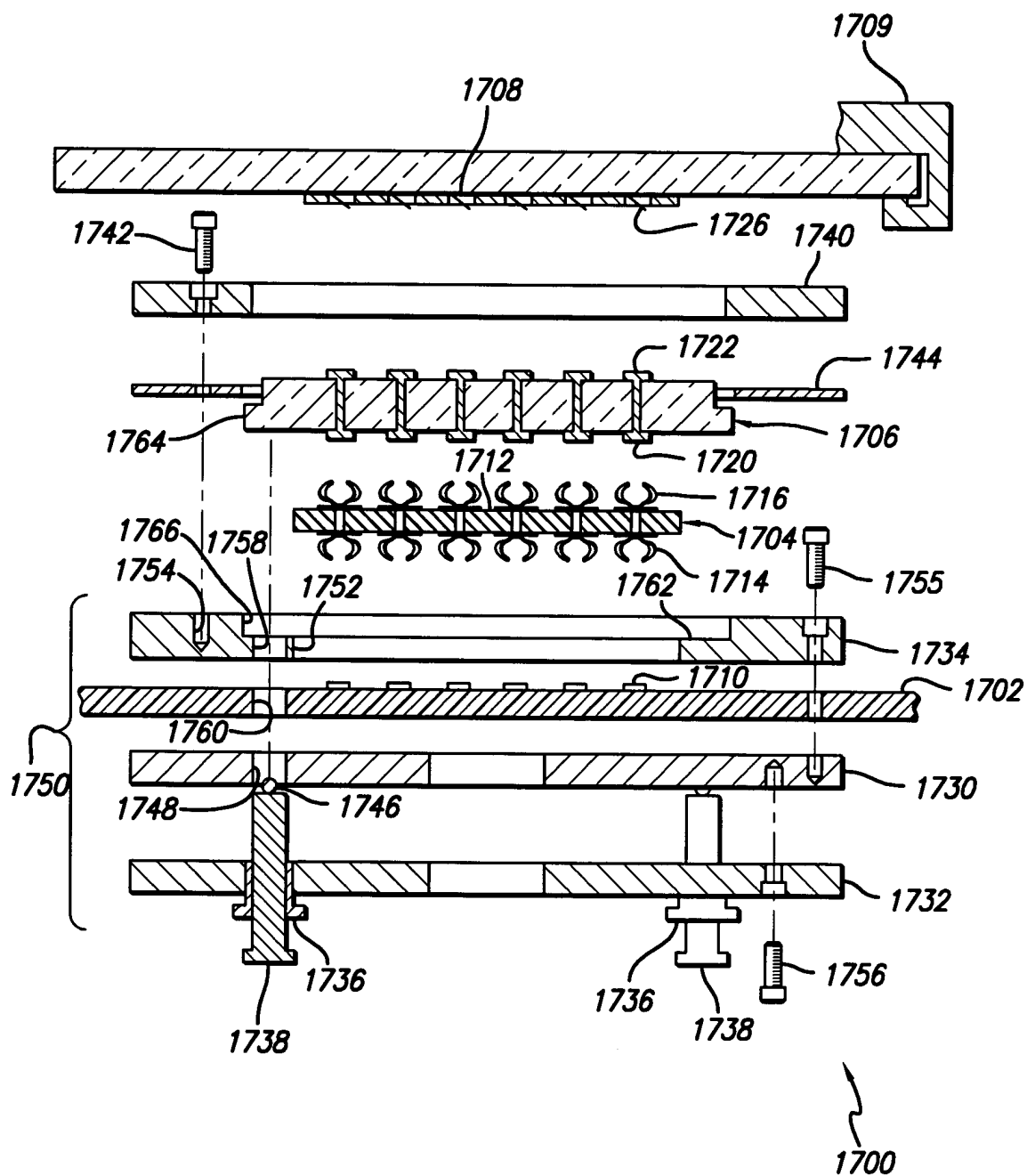


FIG. 18

